

Converting Colors

HunterLab(27.7421, -19.5517,
14.5449)

Have a look what the booklet for
HunterLab(27.7421, -19.5517,
14.5449) contains.

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Color

**HunterLab(27.8057,
-19.6840, 14.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	225A1B
RGB	34, 90, 27
RGB Percent	13%, 35%, 11%
CMY	0.8667, 0.6471, 0.8941
CMYK	0.62, 0.00, 0.70, 0.65
HSL	113°, 54%, 23%
HSV	113°, 70%, 35%
XYZ	4.5137, 7.7316, 2.2914
YIQ	66.0740, -13.1530, -31.4650

Conversions

Conversions Part 2

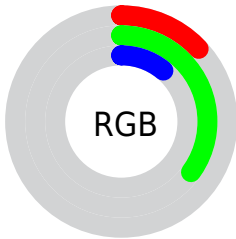
Format	Color
RYB	27, 90, 83
Decimal	2251291
CIELab	33.42, -31.94, 29.99
CIELCh	33, 43.811, 136.810
Yxy	7.7319, 0.3105, 0.5319
Android (android.graphics.Color)	4280441371 (0xFF225A1B)
YUV	66.0740, -19.2635, -28.1289
Hunter-Lab	27.8057, -19.6840, 14.5781

Details

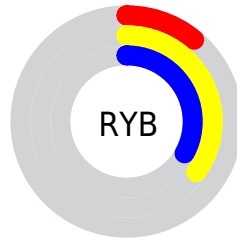
The HunterLab color $[27.8057, -19.6840, 14.5781]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[18.3340, 24.4343, -19.5572]$, and the grayscale version is $[23.4361, -1.2505, 1.2733]$.

A 20% lighter version of the original color is $[46.3925, -25.0169, 19.8692]$, and $[13.1444, -11.2713, 7.9022]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.5245, -20.9851, 15.3602]$, and if you desaturate by 10%, it is $[28.1644, -18.0442, 13.5248]$.

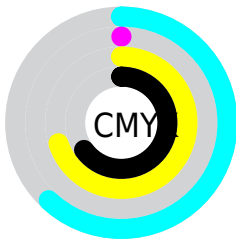
Distribution



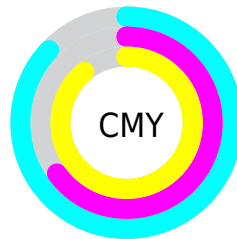
- Red (13%)
- Green (35%)
- Blue (11%)



- Red (11%)
- Yellow (35%)
- Blue (33%)



- Cyan (62%)
- Magenta (0%)
- Yellow (70%)
- Black (65%)



- Cyan (87%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8057, -19.6840, 14.5781 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 27.8057, -19.6840, 14.5781 by changing the saturation by 10% instead.

■ 27.8057, -19.6840,
14.5781

■ 27.8057, -19.6840,
14.5781

131.7626,
-40.8228, 35.1988

■ 19.8088, -16.6721,
11.6917

■ 46.2938, -25.0362,
19.8243

■ 12.7713, -13.5146,
8.9399

■ 56.6491, -27.4973,
22.2317

■ 6.1515, -10.7652,
4.3061

■ 67.6786, -29.8618,
24.5401

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.3436, -32.1514,
26.7715

0.0000, NaN, NaN

■ 91.6109, -34.3818,
28.9421

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.4524,

-36.5647, 31.0642

0.0000, NaN, NaN

■ 117.8436,
-38.7094, 33.1472

■ 27.8057, -19.6840,
14.5781

■ 27.8057, -19.6840,
14.5781

■ 27.5245, -20.9851,
15.3602

■ 28.1644, -18.0442,
13.5248

■ 27.3148, -21.9547,
15.8858

■ 28.6012, -16.0668,
12.1956

■ 27.1610, -22.6799,
16.3393

■ 29.1181, -13.7629,
10.5944

■ 27.1610, -22.6801,
16.3394

■ 29.7152, -11.1504,
8.7312

■ 30.3917, -8.2523,
6.6211

■ 31.1461, -5.0946,
4.2827

■ 31.9761, -1.7055,
1.7368

■ 32.8793, 1.8869,
-0.9951

■ 33.8525, 5.6552,
-3.8913

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.8063, -9.4124, 17.1141



27.8057, -19.6840, 14.5781



27.8063, -24.5295, 7.1197

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.8063, -19.6844, 14.5782



27.8063, -7.8205, -41.1949



27.8063, 32.2259, 8.3897

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.8057, -19.6840, 14.5781



18.3340, 24.4343, -19.5572

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.8063, 32.9095, -5.5753



27.8057, -19.6840, 14.5781



27.8063, 7.4435, -40.1813

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.8063, -19.6844, 14.5782



27.8063, -18.7349, -27.1891



27.8063, 23.0790, -24.8902



27.8063, 21.3735, 15.0795

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.8057, -19.6840, 14.5781



27.8063, -24.8875, -1.9740



27.8063, 23.0790, -24.8902



27.8063, 33.7227, 4.6007

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.8063, -19.6844, 14.5782



40.0395, -11.5846, 9.2486



28.9591, -4.5653, 15.6413



19.6107, -6.0116, 4.7782



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.8063, -19.6844, 14.5782



36.2085, -28.6643, 20.8178



27.9035, -18.7056, 10.1742



16.1149, -2.4339, 2.0643



33.4005, -28.0295, 20.0905



78.0253, -66.1683, 46.9204

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.3340, 24.4343, -19.5572



21.9893, 38.1780, -31.4096



18.3012, 22.4718, -4.9537



15.3969, 0.8131, -0.4119



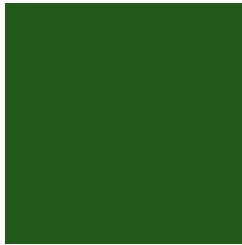
19.1975, 38.7007, -32.7451



44.6581, 90.1892, -77.4274

Previews

White Background



This preview shows how the HunterLab color 27.8057, -19.6840, 14.5781 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

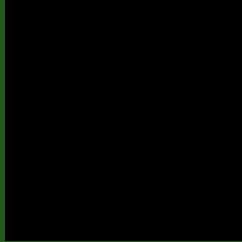
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 27.8057, -19.6840, 14.5781 Background



This preview shows how black text looks on a background with the HunterLab color 27.8057, -19.6840, 14.5781.



This preview shows how white text looks on a background with the HunterLab color 27.8057,

-19.6840, 14.5781.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.8057, -19.6840, 14.5781

Protanopia

27.8076, -3.8235, 15.2255

Deuteranopia

27.7089, 1.1549, 14.1703



Tritanopia

27.8369, -8.1548, -4.0706

Trichromacy



Original Color

27.8057, -19.6840, 14.5781

Protanomaly

27.3599, -11.0013, 14.6734

Deuteranomaly

26.9943, -8.0473, 13.7950

Tritanomaly

27.5833, -13.2619, 5.0094

Monochromacy



Original Color

27.8057, -19.6840, 14.5781

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.6259, -9.3376, 7.1890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8057, -19.6840, 14.5781 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(34, 90, 27)` looks like.

```
.text, #text, p{  
    color:rgb(34, 90, 27)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(34, 90, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 90, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8057, -19.6840, 14.5781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(34, 90, 27) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(34, 90, 27) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(34, 90, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 90, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 90, 27);  
box-shadow:4px 4px 4px 4px rgb(34, 90, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.8057, -19.6840, 14.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 90, 27) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(34, 90,  
27) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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